



75622P000102

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Hein, Jerrell P.; et al.

Application No: 10/814,862

Filed: March 31, 2004

For: SUBSCRIBER LINE INTERFACE  
CIRCUITRY

Continuation of:

Application No: 09/298,008

Filed: April 22, 1999

Examiner: UNASSIGNED

Art Unit: 2644

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to MAIL STOP MISSING PARTS, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313 on

September 13, 2004

Date of Deposit

*William D. Davis*

William D. Davis

MAIL STOP MISSING PARTS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is submitted under one of the following (as indicated by the "X"):

- ☒ 37 C.F.R. §1.97(b).
- ☐ 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:
- ☐ A certification pursuant to 37 C.F.R. §1.97(e) or
- ☐ A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).
- ☐ 37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:
- (1) A certification pursuant to 37 C.F.R. §1.97(e);
  - (2) A petition requesting consideration of the Information Disclosure Statement; and
  - (3) A check for \$\_\_\_\_\_ for the fee under 37 C.F.R. §1.17(i) for submission of the Information Disclosure Statement.

Enclosed is a copy of Information Disclosure Citation Form, submitted pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98, together with copies of any documents cited on that form other than U.S. patent documents. Applicant respectfully requests that the cited documents be considered and that the enclosed Information Disclosure Citation Form be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant.

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

If there are any issues that can be resolved by telephone conference, the Examiner is respectfully requested to contact the undersigned at (512) 858-9910.

Respectfully submitted,

DAVIS & ASSOCIATES

Date September 13, 2004

William D. Davis  
William D. Davis  
Reg. No. 38,428

P.O. Box 1093  
Dripping Springs, TX 78620  
(512) 858-9910

Substitute for PTO 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

**Complete if Known**

Application Number	10/814862
Filing Date	March 31, 2004
First Named Inventor	Hein, Jerrell P.
Group Art Unit	
Examiner Name	
Attorney Docket Number	75622P000102

Sheet	1	of	4
-------	---	----	---

Attorney Docket Number	75622P000102
------------------------	--------------

## U.S. PATENT DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		4,609,781		Gay, Michael J.	09-02-1986	
		4,709,388		Defretin, Bruno	11-24-1987	
		4,827,505		Takato et al.	05-02-1989	
		4,866,767		Tanimoto et al.	09-12-1989	
		4,984,266		Smith, Robert	01-08-1991	
		5,175,764		Patel et al.	12-29-1992	
		5,182,745		Heichler, Johannes	01-26-1993	
		5,323,460		Warner et al.	06-21-1994	
		5,347,577		Takato et al.	09-13-1994	
		5,392,334		O'Mahony	02-21-1995	
		5,636,273		Schopfer et al.	06-03-1997	
		5,659,608		Stiefel, Richard Frank	08-19-1997	
		5,721,774		Stiefel, Richard Frank	02-24-1998	
		5,828,748		Akhteruzzaman	10-27-1998	
		5,848,149		Chen et al.	12-08-1998	
		5,854,550		Knollman, Dieter J.H.	12-29-1998	
		5,881,129		Chen et al.	03-09-1999	
		5,926,544		Zhou, Yan	07-20-1999	
		6,178,241		Zhou, Yan	01-23-2001	

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			<i>Complete if Known</i>		
			Application Number	10/814862	
			Filing Date	March 31, 2004	
			First Named Inventor	Hein, Jerrell P.	
			Group Art Unit		
			Examiner Name		
Sheet	2	of	4	Attorney Docket Number	75622P000102

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
		GOODENOUGH, F., "SLIC Ejects Relays From PABX Line Cards", Electronic Design, vol. 42 no. 14, July 11, 1994, pgs. 55-56, 58-29, 62-64 Penton Publishing, Cleveland, OH.		
		ADVANCED MICRO DEVICES, "Am7920: Subscriber Line Interface Circuit Preliminary Datasheet," Publication #19239, Rev. E, July 1998.		
		ADVANCED MICRO DEVICES, "Am79213/Am79C203/031: Advanced Subscriber Line Interface Circuit (ASLIC™) Device/Advance Subscriber Line Audio-Processing Circuit (ASLACTM) Device Preliminary Datasheet," Publication #19770, Rev. B, September 1998.		
		ADVANCED MICRO DEVICES, "Am79231: Intelligent Subscriber Line Interface Circuit (ISLIC™) Advanced Information Datasheet," Publication #22419, Rev. A, September 1998.		
		ADVANCED MICRO DEVICES, "Am79Q2241/2242/2243: Quad Intelligent Subscriber Line Audio-Processing Circuit (ISLACTM) Advance Information Datasheet," Publication #22421, Rev. A, September 1998.		
		ADVANCED MICRO DEVICES, "Am79R241: Intelligent Subscriber Line Interface Circuit (ISLIC™) Advance Information Datasheet," Publication #22420, Rev. A, September 1998.		
		ADVANCED MICRO DEVICES, "Am79R79: Ringing SLIC Device Technical Overview Application Note," Publication #19768, Rev. B, May 1997.		
		LUCENT TECHNOLOGIES, "L8576 Dual Ringing SLIC Preliminary Datasheet," March 1998.		
		SGS-THOMSON MICROELECTRONICS, "L3000N/L3030 Subscriber Line Interface Kit Preliminary Data," January 1995.		
		SGS-THOMSON MICROELECTRONICS, "L3000S/L3030 Subscriber Line Interface Kit Preliminary Data," June 1997.		
		SGS-THOMSON MICROELECTRONICS, "L3037 Subscriber Line Interface Circuit," December 1997.		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

[illegible][illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*Unique citation designation number. \*See attached Kinds of U.S. Patent Documents. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.

